

DPD-1037-61

17 February 1961

MEMORANDUM FOR : Chief, Materiel Branch, DPD-DD/P
SUBJECT : Photographic Equipment Malfunctions
REFERENCE : Staff Meeting Minutes, 14 October 1958
dated 16 October 1958

1. During the period 2 January 1961 through 31 January 1961 there were a total of twenty-five (25) missions reported flown using photographic equipment. Equipments malfunctioned on two (2) of these missions, giving an over-all effectiveness of 92%.

2. Equipment reliability for the above referenced period was:

	<u>A-1 Conf.</u>	<u>A-2 Conf.</u>	<u>B-Conf.</u>	<u>Trackers</u>
Missions Flown	0	0	10	25
Malfunctions	0	0	1	1
Per Cent Eff.	0	0	90%	96%

3. (a) Tracker malfunction:

Mission HT 61-08: tracker failed after one hour; post-flight of tracker showed it to be operating normally. Cause of malfunction has not been reported.

(b) B-Configuration:

Mission HT 61-17: malfunction of shutter occurred after 2244 cycles; total cycles on shutter 20,710 cycles since last HX 4160; both diodes were shorted out which caused circuit breaker on programmer to open. Engineering Change Proposal No. HI-47 has been approved to replace diodes in all H3 732 shutters.

25X1A

Distribution:

001-C/MB/DPD
1-C/DB/DPD
1-DPD/DB
1-DPD/RI

DPD/DB/MB/RI